

**Official**

presence of subscribers who are authorized to receive said communique and who are served by other cells of said cellular communication network; and

means for routing program content, constituting said communique, from at least one of said plurality of program sources to selected cell sites for concurrent transmission to a plurality of wireless subscriber devices of subscribers who are authorized to receive said communique and who are served by said selected cells, in at least one of said selected cells, said transmission to said plurality of wireless subscriber devices being effected concurrently to more than one of said plurality of wireless subscriber devices via a one of said plurality of wireless communication channels.

2. The communique system of claim 1 wherein said means for routing comprises:

content scheduling means for combining said received program content into a plurality of program streams, each of which comprises at least one media from the class of media including: audio, video, graphics, text, data.

3. The communique system of claim 2 further comprising:

distribution means for transmitting a program stream to said cell sites associated with said selected at least one of said plurality of cells; and

wherein said router means further comprises:

content parsing means for transmitting program stream parsing control signals to said cell sites associated with said selected cells to define at least one communique that is excerpted from said program stream in said cell sites associated with said selected cells.

4. The communique system of claim 3 further comprising:

communique generation control means, located in said at least one of said plurality of cell sites, for generating a plurality of communiques from said received program stream and said program stream parsing control signals; and

transmitter means for transmitting said plurality of communiques to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells.

5. The communicate system of claim 2 further comprising:

content migration means for transmitting a program stream to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells; and

wherein said router means further comprises:

content parsing means for transmitting program stream parsing control signals to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells to define at least one communicate that is excerpted from said program stream.

6. The communicate system of claim 5 further comprising:

subframe generating means for generating a plurality of subframes from said received program stream and said program stream parsing control signals for transmission to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells.

7. The communicate system of claim 6 further comprising:

subframe control means for generating program stream subframe parsing control signals to define at least one communicate that is excerpted from a subframe of said program stream; and

transmitter means for transmitting said received program stream subframe and said program stream subframe parsing control signals to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells.

8. A method of operating a communicate system for providing a communicate, constituting program content concurrently delivered to subscribers, who are equipped with wireless subscriber devices, via a cellular communication network that includes a plurality of cell sites, each of which provides a plurality of wireless communication channels in a cell that covers a predetermined volume of space around a cell site transmitting antenna, comprising:

receiving program content from a plurality of program sources;

selecting at least one of said plurality of cells to provide a communicate to a plurality of subscribers who are authorized to receive said communicate and who are served by said selected plurality of cells, independent of the presence of subscribers who are authorized to receive said communicate and who are served by other cells of said cellular communication network; and

routing program content from at least one of said plurality of program sources to cell sites for transmission via a one of said plurality of wireless communication channels to a plurality of wireless subscriber devices of subscribers who are authorized to receive said communicate and who are served by said selected cells, in at least one of said selected cells said transmission to said plurality of wireless subscriber devices being effected concurrently to more than one of said plurality of wireless subscriber devices via a one of said plurality of wireless communication channels.

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9. The method of claim 8 wherein said step of routing comprises:
combining said received program content into a plurality of program streams, each of which comprises at least one media from the class of media including: audio, video, graphics, text, data.

10. The method of claim 9 further comprising:
transmitting a program stream to said cell sites associated with said selected at least one of said plurality of cells; and
wherein said step of routing further comprises:
transmitting program stream parsing control signals to said cell sites associated with said at least one of said plurality of cells to define at least one communicate that is excerpted from said program stream in said cell sites associated with said selected at least one of said plurality of cells.

11. The method of claim 10 further comprising:
generating, in said at least one of said plurality of cell sites, a plurality of communicates from said received program stream and said program stream parsing control signals; and

transmitting said plurality of communiques to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells.

12. The method of claim 9 further comprising:

transmitting a program stream to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells; and

wherein said step of routing further comprises:

transmitting program stream parsing control signals to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells to define at least one communique that is excerpted from said program stream.

13. The method of claim 12 further comprising:

generating a plurality of subframes from said received program stream and said program stream parsing control signals for transmission to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells.

14. The method of claim 13 further comprising:

generating program stream subframe parsing control signals to define at least one communique that is excerpted from a subframe of said program stream; and
transmitting said received program stream subframe and said program stream subframe parsing control signals to said plurality of wireless subscriber devices served by said selected at least one of said plurality of cells.

Cancel Claims 15-21.

Add New Claims:

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22. The method of claim 8 wherein said step of routing comprises:
dividing a communication space in at least two dimensions to create said plurality of communication channels for carrying data; and

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transmitting each said received program content in a selected one of said communication channels.

23. The method of claim 22 wherein said step of dividing comprises:
dividing a communication space in time, frequency and code domains to create said plurality of communication channels, each comprising a plurality of communication segments for carrying data.

24. The method of claim 23 wherein said received program content comprises communique transmissions and at least one of the classes of transmissions: voice, and data transmissions, said step of routing further comprises:

assigning at least one of said plurality of communication channels exclusively for use in transmitting each of said at least two classes of transmissions; and

transmitting each of said received program content comprising at least two of: voice, data and communique transmissions in said associated assigned ones of said plurality of communication channels.

25. The method of claim 24 wherein said step of routing further comprises:

reserving at least one of said plurality of communication channels for use on a non-exclusive basis for use in transmitting each of said at least two classes of transmissions.

26. The communique system of claim 1 wherein said router means comprises:

subframe generating means for dividing a communication space in at least two dimensions to create said plurality of communication channels for carrying data; and

transmitter means for transmitting each said received program content in a selected one of said communication channels.